

## ABSTRACT

A paper treatment agent which contains a copolymer essentially comprising a repeating unit derived from a polyfluoroalkyl group-containing (meth)acrylate, a  
5 repeating unit derived from a pyrrolidone monomer, a nitrogen-containing repeating unit such as  $-\text{[CH}_2\text{C(CH}_3\text{)[COOCH}_2\text{CH}_2\text{CH}_2\text{N}^+(\text{CH}_3)_3\text{.Cl]}-$ , and an anionic functional group-containing repeating unit such as  $-\text{[CH}_2\text{C(CH}_3\text{)COOH]}-$  has a  
10 relatively low viscosity, and the action of the treatment agent hardly lowers even when a cationic paper strength-enhancing agent is used in combination therewith.